

## IN THE UND STATES PATENT AND TRAD ARK-OFFICE



## REQUEST FOR FILING APPLICATION

Under Rule 53(a), (b) & (f)

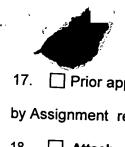
(No Filing Fee or Oath/Declaration)

(Do NOT use for Provisional or PCT Applications)

Use for Design or Utility Applications

**PATENT APPLICATION** 

| Andrew 10'                                | RULE 53(f) NO   | <b>DECLARATIO</b>        | N                    |   |
|---|---|--------------------------|----------------------|---|
| Assistant Commissioner of                 | Patents   | Atty. Dkt.               | PM 265730            | D9400                                   |
| and Trademarks<br>Washington, DC 20231    |   | •                        | M#                   | P8402<br>Client Ref                     |
| vvasilington, DC 20231                    |   |                          |                      | T. D. T.                                |
| Sir:                                      |   | Date:                    | March 31, 20         | 000 75                                  |
| •   |   |                          | ,                    | s:3                                     |
| 1. This is a Request for filin            | a a new Patent Application                                | <b>□ 5 · □ 5</b> · ·     |                      | 5.5°                                    |
| 2 (Complete) Till                         |   |                          | tility) entitled:    | 2017                                    |
| 2. (Complete) Title:                      | IP ROUTER WIT   | H HIERARCHICAL           | USER INTERFAC        | .E                                      |
| <u> </u>                                  |   |                          |                      | <b></b>                                 |
| <u>v</u>                                  | vithout a filing fee or Oath/I                            | Declaration but for v    | vhich is enclosed t  | he following:                           |
| 3. Abstract 1                             | page(s).  |                          |                      | - · · · · · · · · · · · · · · · · · · · |
| 4. 16 Pages of Spec                       | cification (only spec, and o                              | aima): E 🗔 o             |                      |   |
| 18 Numbered cla                           | cification (only spec. and cl                             | aiiiis), 5. <u>□</u> Spe | cification in non-Er | nglish language                         |
| 6. 18 Numbered cla                        | aim(s); and   |                          |                      |   |
| <b>2</b> . ⊠ 4                            | sheet(s) per set:   | set informal: 0 N        | 7 4                  |   |
| Drawings:                                 | - (-) po. soc   | set informal; 8. [       | ☑ formal of size:    |   |
| DOMESTIC/INTERNATION                      | FIONAL priority is alsimout                               |                          | ,                    | A4 11"                                  |
| following provisional, no                 | rional priority is claimed on provisional and/or PCT in   | under 35 USC 119         | (e)/120/365(c) bas   | sed on the                              |
| Application No.                           | Filing Date   | iternational applica     | tion(s):             |   |
| (1)                                       | - I mig Dutc  | Applicatio (2)           | n No.   Fil          | ing Date                                |
| (3)                                       |   | (4)                      |                      |   |
| <b>(5)</b>                                |   | (6)                      |                      |   |
| (5)<br>(5)<br>10. FOREIGN priority is cla | aimed under 35 LICO 440/                                  |                          |                      |   |
|   | aimed under 35 USC 119(a                                  | i)-(d)/365(b) based      | on filing in         |   |
| Application No.                           | Filing Date   | Application              | n No.                | ing Date                                |
| (1)                                       |   | (2)                      | FIII                 | ing Date                                |
| (3)<br>(5)                                |   | (4)                      |                      |   |
|   |   | (6)                      |                      |   |
| 11 (No.) Certified co                     | ppy (copies): 🔲 attache                                   | ed. Dipreviousl          | v. 610 al (al-1)     |   |
| in U.S. Application                       | on No. /  | filed on                 | y filed (date)       | <u> </u>                                |
| 12. This is a reissue of                  | Patent No.  |                          |                      |   |
| 13.  See top first page                   | re prior Provisional National                             | al lasta de la           |                      |   |
| there and do not co                       | re prior Provisional, National omplete corresponding item | al, international app    | lication(s) (X box   | only if info is                         |
| 14. U Amend the specif                    | ication by inserting before                               | the first line This      |                      |   |
| ☐ Divisional ☐ C                          | Continuation Substitut                                    | e Application (MPE       | is a ∐ Contir        | nuation-in-Part                         |
| 14(a) National Appln. N                   | <u> </u>  |                          | P 201.09) of:        |   |
| 14(b) International App                   | In No PCT/  |                          | <u> (M#)</u>         |   |
| designated the U                          | .S  | filed                    |                      | which                                   |
|   |   |                          |                      |   |
|   | ification by inserting before                             | e the first line:Thi     | s application        |   |
| 16. Extension to date:                    | To 0.0. Provisional Applic                                | ation No. 60/, fi        | iled                 |   |
| · · · · · · · · · · · · · · · · · · ·     | コ ~~・・・・ CHIIV  | not needed               | previously filed     |   |







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| 17. Li Prior applica                            | ation is assigned to   | •                 |  |  | ,  |
|---|--|-------------------|--|--|--|
| by Assignment recor                             | rded   |                   | Reel   | <b>-</b>   |  |
| 18. Attached:                                   |  |                   |  | Fram   | e  |
| 19. This application is n                       | made by the following na   | amed              | (Davids 1  |  |  |
| inventor(s)                                     | The by the following he  | arrieu            | (Double chec   | k instructions f   | or accuracy.):   |
| (1) Inventor Jay                                |  | X.                | XIA  |  |  |
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| Residence   San Dieg                            | 10   | CA                |  | Family Name  | 10 10 10 10 10 10 10 10 10 10 10 10 10 1   |
|   | City   |                   | State/Foreign Country  | CANAD  |  |
| 1 ost Office Address                            | 17232 Russell S  | Street, San       | Diego CA   | 888552: 1882855 (18825)   1882565 (183465)   | Country of Citizenship   |
| (include Zip Code)                              | 92127  |                   | 2.090, 0/1   |  |  |
| (2) Inventor                                    | ·  |                   |  |  |  |
|   | NAME OF THE PARTY  |                   |  |  |  |
| Residence                                       | First  | Middle Initial    |  | Family Name  |  |
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| (3) Inventor                                    |  |                   |  | •  |  |
| (a) inventor                                    | NSPPER SECURIOR TO SECURIOR SE |                   |  |  |  |
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| residence                                       | WANKE SANCTON AND AND AND AND AND AND AND AND AND AN   |                   |  |  | COLUMN TO AND ADDRESS OF THE COLUMN TWO AND ADDRESS OF THE COLUMN TO ADDRESS OF THE COLUMN TWO ADDRESS OF THE COLUMN TO ADDRESS OF THE COLUMN TWO ADDRESS OF THE COLUMN TO ADDRESS OF THE COLUMN TWO ADD |
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| (4) Inventor                                    |  |                   |  |  |  |
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| (include Zip Code)                              |  | 1                 |  |  |  |
| (5) Inventor                                    |  | <u> </u>          |  |  |  |
|   | First 40   |                   | P. C.  | · Name - State |  |
| Residence                                       | ANNA PROPERTY CONTRACTOR SERVICES AND  | Middle Initial    |  | Family Name  |  |
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| include Zip Code)                               |  |                   |  |  |  |
| 20. NOTE: FOR ADDIT and attach sheet v          | with same information<br>Pills   | regarding         | additional inventors on & Sutro LLP  | S.   |  |
| 100 New York Avenue, NW.<br>inth Floor          | By: Atty: Glen   | nn J. Perry       | Brian Lele   | Reg. No. 294   | 5 <u>0</u>   |
| Vashington, DC 20005-3918<br>el: (202) 861-3000 | $\sim$ $\sim$  | $\mathcal{A}$     | 1/2  | 204  |  |
| tty/Sec: GJP/BEL:rmb                            | Sig:   | 100               | 14778  |  | Fax: (202) 822-0944  |
|   | NOTE: File in duplicate w  | ith 2 post card   | receipts (PAT-103) & atta  | achments   | Геl: (202) 861-3070  |

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## APPLICATION UNDER UNITED STATES PATENT LAWS

| Atty. Dkt. No. | PM 265730 | (P8402) |  |
|----------------|-----------|---------|--|
|                |           | (M#)    |  |

Invention:

IP ROUTER WITH HIERARCHICAL USER INTERFACE

Inventor (s): Jay X. XIA

Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 New York Avenue, NW Ninth Floor Washington, DC 20005-3918 Attorneys Telephone: (202) 861-3000

| , | This is a:   |
|---|--|
|   | Provisional Application                                |
|   | Regular Utility Application                            |
|   | Continuing Application                                 |
|   | PCT National Phase Application                         |
|   | Design Application                                     |
|   | Reissue Application                                    |
|   | Plant Application                                      |
|   | Substitute Specification Sub. Spec Filed in App. No. / |

**SPECIFICATION**